

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: NEO-RAY

Report Number: P1027813

Luminaire Tested: S125DIP-B375D1270UB35-4F0-XX-W2A-A4

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1027813
REPORT IS A COMBINATION OF REPORTS P1001914 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125DIP-B375D1270UB35-4F0-XX-W2A-A4
Description: Define 5 Direct/Indirect Pendant with 3500K BioUP LEDs {m-DER=0.721} {m-EER=0.792}
Light Source: -
Ballast/Driver: -

Summary

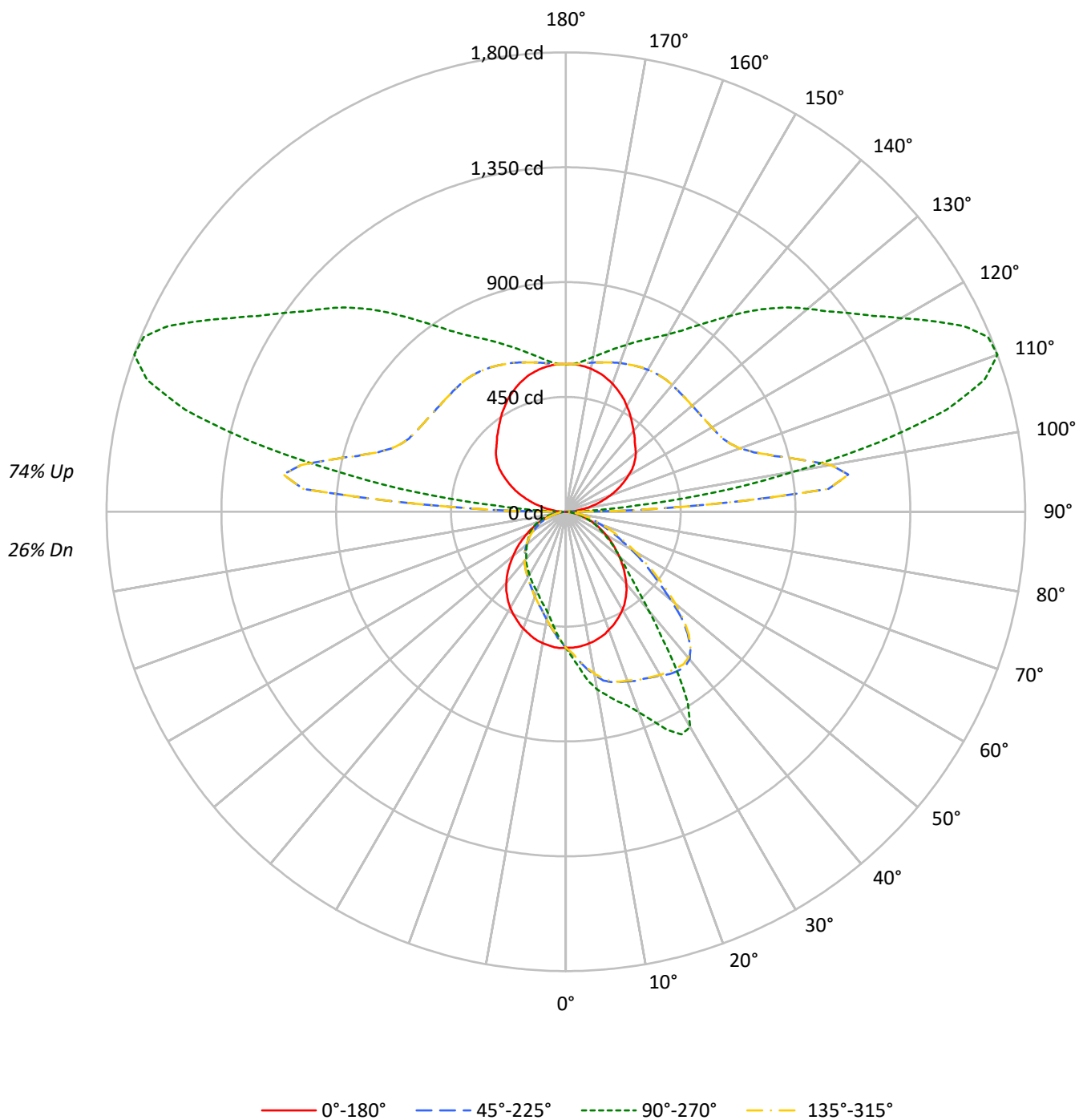
Lumens per Lamp: N/A
Luminaire Lumens: 5849.0 lumens
Efficiency: N/A
Efficacy: 121.9 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.43 / 1.52
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 48
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P1027813

CATALOG NUMBER: S125DIP-B375D1270UB35-4F0-XX-W2A-A4

Luminous Intensity Polar Plot



TEST NUMBER: P1027813

CATALOG NUMBER: S125DIP-B375D1270UB35-4F0-XX-W2A-A4

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	101	101	101	101	90	90	90	90	70	70	70	51	51	51	34	34	34
1	92	88	85	81	82	79	76	73	61	59	57	45	44	43	30	29	29
2	84	77	71	67	75	69	64	60	54	50	48	40	38	36	27	25	24
3	77	68	61	55	68	61	55	50	47	43	40	35	32	30	24	22	21
4	70	60	52	47	62	54	47	42	42	38	34	31	28	26	21	19	18
5	64	53	46	40	57	48	41	36	38	33	29	28	25	22	19	17	16
6	59	48	40	34	53	43	36	31	34	29	25	25	22	19	17	15	14
7	55	43	35	30	49	39	32	27	30	26	22	23	20	17	16	14	12
8	51	39	31	26	45	35	29	24	28	23	20	21	18	15	14	12	11
9	47	35	28	23	42	32	26	21	25	21	17	19	16	14	13	11	10
10	44	32	25	21	39	29	23	19	23	19	16	18	14	12	12	10	9

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	3410	3410	3410	3410
5°	3413	3869	3416	2935
10°	3392	4409	3386	2519
15°	3367	4781	3347	2277
20°	3325	5239	3294	2078
25°	3287	6003	3227	1961
30°	3233	6333	3177	1854
35°	3147	5077	3081	1769
40°	3013	3509	2969	1679
45°	2844	2613	2812	1603
50°	2650	2151	2607	1544
55°	2442	1834	2422	1491
60°	2237	1570	2197	1452
65°	2016	1356	1983	1392
70°	1783	1126	1758	1290
75°	1535	870	1515	1119
80°	1212	589	1167	823
85°	778	294	749	419

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 5209 cd/sqm

TEST NUMBER: P1027813

CATALOG NUMBER: S125DIP-B375D1270UB35-4F0-XX-W2A-A4

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	51.2	0.9
10°-20°	152.6	2.6
20°-30°	247.9	4.2
30°-40°	302.9	5.2
40°-50°	274.8	4.7
50°-60°	218.9	3.7
60°-70°	152.4	2.6
70°-80°	81.2	1.4
80°-90°	22.4	0.4
90°-100°	420.8	7.2
100°-110°	907.4	15.5
110°-120°	845.9	14.5
120°-130°	685.1	11.7
130°-140°	550.1	9.4
140°-150°	414.9	7.1
150°-160°	292.2	5.0
160°-170°	172.2	2.9
170°-180°	56.0	1.0
0°-30°	451.7	7.7
0°-40°	754.6	12.9
0°-60°	1248.2	21.3
0°-90°	1504.3	25.7
90°-120°	2174.1	37.2
90°-150°	3824.3	65.4
90°-180°	4345.0	74.3
0°-180°	5849.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	532	532	532	532	532	
5°	532	614	532	466	532	50
15°	511	767	508	365	511	144
25°	470	944	462	308	470	217
35°	409	757	401	264	409	256
45°	322	357	318	219	322	248
55°	226	220	225	179	226	202
65°	140	135	138	139	140	139
75°	68	66	67	85	68	72
85°	14	15	13	21	14	16
90°	1	27	1	27	1	4
95°	38	274	38	274	38	40
105°	132	1545	132	1545	132	139
115°	236	1721	236	1721	236	232
125°	326	1356	326	1356	326	290
135°	382	1127	382	1127	382	297
145°	446	889	446	889	446	279
155°	508	745	508	745	508	234
165°	555	653	555	653	555	156
175°	577	587	577	587	577	55
180°	578	578	578	578	578	

TEST NUMBER: P1027813

CATALOG NUMBER: S125DIP-B375D1270UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3
2.5°	533.2	536.3	540.0	542.7	547.2	548.5	550.8	552.2	553.5	554.9	555.8
5°	531.8	539.5	546.3	551.3	559.8	563.0	567.1	572.0	577.9	582.9	586.0
7.5°	528.2	540.4	549.4	559.4	571.1	578.8	582.9	593.3	602.8	610.0	619.5
10°	523.7	538.1	552.2	567.1	583.8	592.4	600.5	615.0	628.1	639.8	649.3
12.5°	518.7	536.3	553.1	572.5	595.1	605.5	610.9	635.7	652.0	658.3	676.9
15°	511.0	531.8	555.8	579.7	598.7	610.9	625.8	645.7	662.0	676.0	690.9
17.5°	503.8	526.4	550.8	577.5	605.0	620.8	632.1	649.8	667.4	685.4	699.5
20°	492.1	521.4	546.3	574.7	607.3	618.6	630.3	651.1	670.1	689.5	707.1
22.5°	482.6	510.6	544.5	571.6	599.1	610.4	624.9	646.6	669.2	691.3	717.1
25°	470.4	501.5	530.9	559.8	588.3	600.5	613.6	641.6	665.1	693.6	722.0
27.5°	457.3	489.3	518.7	544.9	571.6	588.3	602.3	631.7	662.9	694.0	731.1
30°	443.3	473.5	501.5	527.3	556.7	573.8	587.9	622.2	657.0	696.7	741.0
32.5°	428.3	456.8	480.8	507.0	538.1	554.0	572.9	610.4	651.6	699.0	754.6
35°	409.4	436.5	457.7	484.4	515.6	535.9	555.8	597.8	645.7	698.6	762.3
37.5°	390.4	411.6	432.0	460.4	496.6	515.1	535.9	582.0	636.7	697.2	765.4
40°	367.8	388.6	406.2	435.1	473.1	494.3	516.0	564.4	626.3	692.2	754.1
42.5°	345.2	362.8	382.3	412.5	449.1	471.7	494.8	548.5	612.7	677.8	723.0
45°	321.7	335.3	356.5	384.1	422.9	444.6	470.8	529.1	593.7	651.6	674.2
47.5°	297.3	310.9	330.8	357.4	395.8	421.6	446.4	504.7	569.8	614.5	614.5
50°	273.8	284.7	304.1	330.8	369.6	393.1	418.4	480.3	532.7	565.7	536.3
52.5°	248.5	260.7	277.0	305.0	343.4	364.6	392.2	445.1	494.8	508.3	463.1
55°	226.4	236.3	251.7	278.3	314.0	336.2	359.7	410.3	452.3	451.4	403.0
57.5°	203.3	211.5	227.7	252.1	285.1	305.0	328.5	372.3	406.7	394.5	348.8
60°	182.1	188.0	203.8	223.7	255.3	273.8	296.4	332.1	358.3	341.1	295.1
62.5°	160.0	166.7	179.4	198.8	226.8	241.7	258.5	294.6	311.3	296.0	249.0
65°	140.1	145.5	156.8	173.1	198.4	211.9	226.4	256.2	272.0	249.9	211.0
67.5°	120.2	126.5	134.6	149.1	169.0	181.6	194.3	220.0	227.3	207.4	174.9
70°	101.7	107.1	114.8	125.2	141.9	153.2	162.7	183.9	188.9	170.3	144.6
72.5°	83.6	87.2	93.5	102.1	117.5	123.8	133.7	148.2	154.5	137.8	119.3
75°	67.8	70.5	74.6	80.9	91.3	98.1	106.2	119.7	119.3	107.5	94.4
77.5°	52.4	52.9	57.4	63.3	69.6	75.5	79.5	89.0	89.9	82.7	71.8
80°	37.5	38.9	40.7	45.2	50.6	52.9	57.8	63.7	64.6	59.2	52.0
82.5°	23.9	24.9	26.2	28.9	32.5	35.2	38.0	40.2	42.5	39.3	33.4
85°	13.6	14.0	15.4	16.3	18.1	19.4	21.7	23.9	23.5	21.2	19.4
87.5°	6.8	6.8	6.8	7.7	8.6	8.6	9.5	9.9	10.4	9.5	8.6
90°	1.2	2.3	4.7	7.0	9.3	10.5	11.7	12.8	15.2	16.3	18.7
92.5°	17.5	21.0	32.7	50.1	74.6	95.6	116.6	195.9	328.9	473.5	465.3
95°	38.5	39.7	49.0	61.8	87.5	113.7	139.9	264.7	521.3	843.2	1033.3
97.5°	59.5	60.6	67.6	80.5	103.8	123.0	142.3	228.6	425.7	773.2	1116.1
100°	81.6	84.0	88.6	101.5	123.6	141.1	158.6	226.2	377.9	671.7	1053.1
102.5°	106.1	107.3	110.8	124.8	144.6	161.5	178.4	236.7	358.0	594.8	942.3
105°	131.8	131.8	137.6	149.3	167.9	184.2	200.6	251.9	355.7	550.5	845.5
107.5°	156.3	158.6	164.4	173.8	193.6	208.2	222.7	272.9	363.9	527.1	773.2
110°	183.1	185.4	190.1	200.6	218.1	233.2	248.4	296.2	376.7	517.8	725.4

TEST NUMBER: P1027813

CATALOG NUMBER: S125DIP-B375D1270UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	209.9	212.3	215.8	226.2	243.7	258.3	272.9	318.4	393.0	517.8	697.4
115°	235.6	237.9	241.4	251.9	269.4	284.0	298.6	341.7	409.3	521.3	678.7
117.5°	258.9	262.4	265.9	276.4	296.2	310.2	324.2	365.0	428.0	527.1	668.2
120°	282.2	285.7	290.4	300.9	320.7	335.3	349.9	390.7	446.7	536.5	661.2
122.5°	306.7	309.0	312.5	323.0	345.2	359.8	374.4	415.2	467.7	544.6	655.4
125°	326.5	328.9	334.7	345.2	367.4	382.5	397.7	436.2	486.3	554.0	650.8
127.5°	342.9	346.4	353.4	366.2	389.5	404.6	419.8	457.2	503.8	564.5	648.4
130°	358.0	361.5	370.9	386.0	410.5	425.6	440.8	477.0	521.3	573.8	646.1
132.5°	369.7	374.4	386.0	403.5	429.2	444.4	459.5	495.6	536.5	584.3	646.1
135°	382.5	387.2	401.2	419.8	444.3	460.0	475.8	512.0	550.5	593.6	646.1
137.5°	398.8	402.3	415.2	433.8	458.3	474.6	491.0	523.6	561.0	602.9	647.3
140°	412.8	416.3	430.3	449.0	471.2	486.9	502.6	536.5	571.4	608.8	648.4
142.5°	429.2	431.5	444.3	463.0	484.0	498.6	513.1	544.6	577.3	612.3	649.6
145°	445.5	447.8	459.5	475.8	496.8	510.2	523.6	554.0	583.1	614.6	648.4
147.5°	463.0	464.2	474.7	489.8	508.5	520.8	533.0	559.8	586.6	615.8	646.1
150°	478.2	480.5	488.6	503.8	520.1	530.0	540.0	565.6	590.1	615.8	642.6
152.5°	494.5	495.6	502.6	515.5	530.6	539.4	548.1	571.4	592.4	614.6	637.9
155°	508.5	508.5	515.5	527.1	538.8	547.0	555.1	574.9	593.6	612.3	632.1
157.5°	521.3	521.3	527.1	537.6	548.1	554.6	561.0	578.4	594.8	609.9	626.3
160°	534.1	533.0	537.6	545.8	555.1	560.4	565.6	580.8	594.8	606.4	620.4
162.5°	544.6	543.5	548.1	555.1	562.1	566.2	570.3	583.1	593.6	602.9	613.4
165°	555.1	552.8	556.3	562.1	566.8	570.3	573.8	583.1	592.4	599.4	606.4
167.5°	562.1	561.0	563.3	566.8	570.3	572.6	574.9	583.1	590.1	593.6	599.4
170°	569.1	568.0	569.1	571.4	573.8	575.6	577.3	583.1	587.8	590.1	593.6
172.5°	573.8	571.4	572.6	574.9	576.1	576.7	577.3	581.9	585.4	585.4	586.6
175°	577.3	574.9	576.1	577.3	577.3	577.3	577.3	580.8	583.1	581.9	581.9
177.5°	579.6	577.3	577.3	578.4	577.3	577.3	577.3	579.6	580.8	578.4	578.4
180°	578.4	578.4	578.4	578.4	578.4	578.4	578.4	578.4	578.4	578.4	578.4

TEST NUMBER: P1027813

CATALOG NUMBER: S125DIP-B375D1270UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3
2.5°	556.7	559.8	562.5	564.8	566.6	569.3	567.5	568.0	568.9	570.7	570.7
5°	592.8	597.8	600.5	609.5	611.8	611.3	610.0	617.2	616.8	614.1	613.6
7.5°	628.1	636.7	644.3	651.6	653.8	659.7	661.0	664.2	663.3	667.8	665.6
10°	660.1	673.7	680.9	691.8	694.5	697.2	700.8	702.6	706.7	706.2	706.2
12.5°	685.0	701.3	710.8	713.5	723.9	727.0	730.2	736.1	734.7	735.2	737.9
15°	704.4	720.2	728.4	741.0	748.3	751.9	757.3	763.6	762.7	766.8	765.9
17.5°	718.9	733.8	748.7	767.7	768.1	777.6	790.3	793.0	798.9	794.8	794.8
20°	730.6	750.5	771.8	796.2	798.9	804.7	820.1	830.5	837.3	835.0	836.4
22.5°	743.3	771.8	796.6	821.0	834.1	844.5	859.4	875.7	881.6	885.2	884.3
25°	759.6	789.4	826.0	859.9	873.4	893.3	913.2	929.0	933.5	943.5	934.4
27.5°	776.3	818.3	863.9	903.7	920.9	937.1	961.1	972.8	978.7	983.2	980.1
30°	790.3	848.1	897.8	934.4	946.6	956.1	969.7	972.4	970.1	973.7	978.2
32.5°	812.0	868.4	910.5	928.1	926.7	926.3	915.9	901.4	898.3	889.7	901.4
35°	823.7	868.9	885.2	861.7	852.2	835.0	802.0	780.3	761.4	757.3	758.2
37.5°	816.9	834.6	815.1	753.2	737.9	711.7	667.8	637.1	623.1	612.3	626.3
40°	780.3	760.9	707.6	632.1	610.0	585.1	544.0	527.3	507.4	503.4	521.9
42.5°	719.8	660.6	585.1	526.9	503.8	489.8	455.5	439.6	425.6	419.3	429.7
45°	637.6	565.7	489.8	441.9	422.5	405.8	385.4	368.7	359.7	357.0	365.5
47.5°	552.6	476.7	416.1	380.5	360.1	347.5	328.5	319.0	311.8	312.7	314.0
50°	471.3	402.1	355.6	319.9	310.0	300.0	287.4	279.2	275.6	277.0	276.1
52.5°	401.2	345.2	305.9	278.3	273.8	264.3	253.9	247.2	245.8	246.3	247.6
55°	339.8	296.0	264.8	244.9	239.9	233.2	226.8	222.3	218.7	220.0	219.6
57.5°	293.2	254.8	230.9	214.6	211.0	206.9	201.1	198.8	197.5	194.7	197.0
60°	252.1	221.0	200.2	190.2	187.1	184.4	178.0	175.3	174.4	173.1	176.7
62.5°	213.3	191.1	175.3	166.3	163.1	160.4	157.2	155.0	155.4	153.6	155.4
65°	182.5	164.5	153.2	145.0	141.0	139.2	138.7	135.1	134.6	135.1	135.6
67.5°	154.1	138.7	130.1	125.2	122.0	120.2	118.8	116.6	118.4	117.0	117.9
70°	128.3	117.9	108.9	103.9	102.6	103.0	100.8	99.9	100.3	99.4	100.3
72.5°	103.5	94.9	91.3	87.7	85.9	85.4	84.0	82.7	84.0	83.6	83.6
75°	82.7	76.4	72.3	70.0	70.0	69.1	66.9	66.9	66.9	66.4	66.9
77.5°	63.7	58.3	56.5	54.2	54.2	52.9	52.4	52.4	51.5	52.9	52.0
80°	47.4	43.4	40.7	39.3	39.3	38.9	38.0	37.5	38.0	37.5	37.5
82.5°	30.7	28.9	27.6	26.2	25.8	26.2	25.8	24.9	25.3	24.9	25.8
85°	17.6	15.8	15.8	14.9	15.4	14.5	14.9	14.0	13.6	14.9	14.0
87.5°	7.7	7.2	7.2	6.3	6.3	6.3	5.9	6.3	5.9	5.4	5.9
90°	19.8	21.0	22.2	23.3	24.5	25.7	25.7	25.7	26.8	26.8	26.8
92.5°	375.5	253.1	181.9	135.3	124.2	113.1	94.5	91.0	88.6	86.3	88.6
95°	1011.1	838.5	661.2	517.8	468.8	419.8	337.0	302.1	292.7	274.1	292.7
97.5°	1263.0	1202.4	1061.3	916.7	846.7	776.7	706.7	646.1	614.6	600.6	614.6
100°	1344.7	1434.5	1377.3	1257.2	1196.6	1135.9	1055.4	971.5	928.3	909.7	928.3
102.5°	1295.7	1512.6	1570.9	1528.9	1492.8	1456.6	1369.1	1315.5	1267.7	1254.9	1267.7
105°	1180.2	1460.1	1619.9	1671.2	1664.8	1658.4	1621.0	1582.6	1559.2	1545.2	1559.2
107.5°	1070.6	1352.8	1563.9	1687.5	1713.2	1738.8	1749.3	1743.5	1731.8	1720.2	1731.8
110°	979.6	1231.5	1453.1	1617.6	1667.2	1716.7	1769.2	1791.3	1799.5	1799.5	1799.5

TEST NUMBER: P1027813

CATALOG NUMBER: S125DIP-B375D1270UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	912.0	1135.9	1343.5	1510.3	1570.9	1631.5	1714.3	1756.3	1779.7	1790.2	1779.7
115°	866.5	1058.9	1239.7	1399.5	1463.0	1526.6	1617.6	1673.5	1706.2	1721.3	1706.2
117.5°	836.2	1005.3	1165.1	1305.0	1365.0	1425.1	1517.3	1575.6	1608.2	1617.6	1608.2
120°	811.7	963.3	1103.2	1231.5	1282.8	1334.2	1420.5	1476.4	1507.9	1517.3	1507.9
122.5°	790.7	931.8	1058.9	1169.7	1217.0	1264.2	1338.8	1389.0	1420.5	1428.6	1420.5
125°	772.0	901.5	1020.4	1121.9	1163.9	1205.9	1271.2	1319.0	1344.7	1356.3	1344.7
127.5°	754.5	870.0	983.1	1078.8	1118.4	1158.1	1217.5	1260.7	1285.2	1289.8	1285.2
130°	737.1	840.8	943.5	1034.4	1072.3	1110.2	1168.6	1207.0	1230.4	1237.4	1230.4
132.5°	723.1	811.7	906.2	986.6	1022.8	1058.9	1117.2	1155.7	1176.7	1184.9	1176.7
135°	712.6	787.2	867.7	942.3	975.6	1008.8	1060.1	1098.6	1119.6	1126.6	1119.6
137.5°	702.1	765.0	832.7	896.8	926.0	955.1	1001.8	1037.9	1057.8	1065.9	1057.8
140°	695.1	747.5	802.4	856.0	880.5	905.0	948.1	978.5	996.0	1001.8	996.0
142.5°	689.2	732.4	776.7	821.0	841.4	861.8	896.8	921.3	937.6	942.3	937.6
145°	683.4	719.6	755.7	791.9	807.6	823.4	851.3	871.2	884.0	888.7	884.0
147.5°	677.6	706.7	737.1	766.2	778.4	790.7	814.0	830.4	838.5	840.8	838.5
150°	670.6	696.2	721.9	744.1	754.6	765.0	782.5	796.5	801.2	802.4	801.2
152.5°	662.4	684.6	706.7	726.6	734.2	741.7	755.7	766.2	770.9	772.0	770.9
155°	653.1	672.9	691.6	707.9	714.3	720.7	732.4	740.6	744.1	745.2	744.1
157.5°	644.9	661.2	677.6	690.4	695.6	700.9	710.2	717.2	720.7	720.7	720.7
160°	634.4	649.6	661.2	672.9	677.0	681.1	689.2	695.1	697.4	696.2	697.4
162.5°	625.1	636.8	647.3	656.6	660.1	663.6	669.4	674.1	674.1	674.1	674.1
165°	615.8	625.1	633.3	640.3	643.2	646.1	650.8	653.1	653.1	653.1	653.1
167.5°	606.4	613.4	619.3	625.1	627.4	629.8	632.1	634.4	633.3	633.3	633.3
170°	598.3	604.1	607.6	611.1	612.2	613.4	615.8	616.9	616.9	615.8	616.9
172.5°	590.1	593.6	597.1	599.4	600.0	600.6	600.6	602.9	600.6	599.4	600.6
175°	583.1	586.6	586.6	588.9	588.9	588.9	588.9	590.1	587.8	586.6	587.8
177.5°	579.6	580.8	581.9	581.9	581.9	581.9	580.8	581.9	578.4	578.4	578.4
180°	578.4	578.4	578.4	578.4	578.4	578.4	578.4	578.4	578.4	578.4	578.4

TEST NUMBER: P1027813

CATALOG NUMBER: S125DIP-B375D1270UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3
2.5°	569.8	566.6	567.5	566.6	564.4	563.0	559.4	554.9	553.1	550.8	549.4
5°	615.4	613.2	612.7	609.1	608.2	602.8	593.7	589.2	583.8	578.4	572.9
7.5°	665.1	662.4	653.4	652.0	652.9	646.1	634.4	625.4	614.1	606.4	596.0
10°	706.2	700.8	693.1	693.6	690.4	681.4	669.6	660.1	643.9	633.9	619.0
12.5°	731.1	726.6	725.7	721.1	718.4	706.7	692.7	680.5	668.3	654.7	643.4
15°	761.4	755.5	751.4	745.1	743.3	731.1	715.7	701.7	687.7	675.1	651.1
17.5°	794.8	788.5	773.1	771.8	760.9	749.2	734.2	713.5	698.6	680.5	662.9
20°	832.8	823.7	803.8	798.9	790.3	770.8	750.5	727.5	703.5	685.0	664.2
22.5°	875.2	859.4	845.0	829.1	822.8	798.9	770.8	742.8	713.9	688.6	663.8
25°	930.3	909.6	889.2	873.4	862.6	831.4	793.9	756.8	723.4	690.4	657.9
27.5°	973.7	955.7	933.5	912.7	898.7	861.7	818.7	770.8	729.3	689.1	654.3
30°	976.9	971.5	957.9	946.6	931.3	891.5	844.0	789.8	738.3	689.5	647.0
32.5°	917.7	928.5	934.4	936.2	933.1	910.0	866.6	807.0	746.4	685.4	640.7
35°	790.3	819.2	854.9	868.4	881.6	893.8	871.2	819.2	749.2	684.5	630.8
37.5°	650.7	676.9	736.1	763.2	778.5	826.9	845.4	817.4	754.6	685.4	621.3
40°	525.0	566.6	609.1	645.7	669.6	723.9	781.2	787.6	746.9	676.9	609.1
42.5°	441.9	466.3	498.4	532.3	553.5	617.7	695.4	741.0	723.0	662.9	594.2
45°	376.4	394.5	424.7	436.0	463.1	524.6	606.8	672.8	681.8	640.7	577.0
47.5°	323.1	338.4	357.9	371.9	393.6	439.6	509.2	582.0	625.4	610.4	553.1
50°	284.7	297.3	313.6	321.7	335.7	377.3	429.7	502.0	560.3	565.3	521.9
52.5°	252.6	259.8	272.5	281.5	292.8	318.1	365.5	425.2	490.7	517.8	483.5
55°	224.6	230.4	241.7	247.6	253.5	275.2	312.2	366.4	427.9	463.6	444.2
57.5°	199.3	204.2	213.7	219.1	222.3	243.1	271.6	314.0	369.2	412.5	401.7
60°	178.5	183.0	188.4	192.5	196.1	213.3	233.2	267.5	316.7	358.8	356.1
62.5°	156.3	160.4	166.3	170.3	173.5	184.4	201.1	227.3	269.3	308.2	315.8
65°	136.9	140.1	144.1	145.9	150.0	158.1	171.7	195.2	229.5	264.3	269.8
67.5°	119.3	120.2	122.9	127.0	127.9	135.1	147.3	164.9	191.6	220.0	228.6
70°	100.3	101.7	103.9	107.1	108.9	113.4	123.8	135.6	158.6	183.4	189.8
72.5°	83.6	85.4	86.3	88.1	89.0	96.2	100.8	112.5	128.3	149.1	155.9
75°	67.8	69.6	70.0	70.9	71.8	75.0	81.3	88.6	101.7	115.2	124.3
77.5°	53.8	53.3	54.2	55.6	55.1	57.8	61.9	68.2	76.8	88.1	94.0
80°	38.0	38.0	39.3	40.7	40.2	42.9	44.3	48.8	56.0	63.3	65.5
82.5°	25.3	25.3	26.7	26.7	27.6	28.0	29.8	32.1	38.0	41.6	42.9
85°	14.5	14.5	14.9	14.9	14.9	15.8	17.2	18.1	19.9	22.1	23.0
87.5°	5.9	6.3	6.3	6.3	6.3	7.2	7.2	8.1	8.6	9.5	9.5
90°	25.7	25.7	25.7	24.5	23.3	22.2	21.0	19.8	18.7	16.3	15.2
92.5°	91.0	94.5	113.1	124.2	135.3	181.9	253.1	375.5	465.3	473.5	328.9
95°	302.1	337.0	419.8	468.8	517.8	661.2	838.5	1011.1	1033.3	843.2	521.3
97.5°	646.1	706.7	776.7	846.7	916.7	1061.3	1202.4	1263.0	1116.1	773.2	425.7
100°	971.5	1055.4	1135.9	1196.6	1257.2	1377.3	1434.5	1344.7	1053.1	671.7	377.9
102.5°	1315.5	1369.1	1456.6	1492.8	1528.9	1570.9	1512.6	1295.7	942.3	594.8	358.0
105°	1582.6	1621.0	1658.4	1664.8	1671.2	1619.9	1460.1	1180.2	845.5	550.5	355.7
107.5°	1743.5	1749.3	1738.8	1713.2	1687.5	1563.9	1352.8	1070.6	773.2	527.1	363.9
110°	1791.3	1769.2	1716.7	1667.2	1617.6	1453.1	1231.5	979.6	725.4	517.8	376.7

TEST NUMBER: P1027813

CATALOG NUMBER: S125DIP-B375D1270UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	1756.3	1714.3	1631.5	1570.9	1510.3	1343.5	1135.9	912.0	697.4	517.8	393.0
115°	1673.5	1617.6	1526.6	1463.0	1399.5	1239.7	1058.9	866.5	678.7	521.3	409.3
117.5°	1575.6	1517.3	1425.1	1365.0	1305.0	1165.1	1005.3	836.2	668.2	527.1	428.0
120°	1476.4	1420.5	1334.2	1282.8	1231.5	1103.2	963.3	811.7	661.2	536.5	446.7
122.5°	1389.0	1338.8	1264.2	1217.0	1169.7	1058.9	931.8	790.7	655.4	544.6	467.7
125°	1319.0	1271.2	1205.9	1163.9	1121.9	1020.4	901.5	772.0	650.8	554.0	486.3
127.5°	1260.7	1217.5	1158.1	1118.4	1078.8	983.1	870.0	754.5	648.4	564.5	503.8
130°	1207.0	1168.6	1110.2	1072.3	1034.4	943.5	840.8	737.1	646.1	573.8	521.3
132.5°	1155.7	1117.2	1058.9	1022.8	986.6	906.2	811.7	723.1	646.1	584.3	536.5
135°	1098.6	1060.1	1008.8	975.6	942.3	867.7	787.2	712.6	646.1	593.6	550.5
137.5°	1037.9	1001.8	955.1	926.0	896.8	832.7	765.0	702.1	647.3	602.9	561.0
140°	978.5	948.1	905.0	880.5	856.0	802.4	747.5	695.1	648.4	608.8	571.4
142.5°	921.3	896.8	861.8	841.4	821.0	776.7	732.4	689.2	649.6	612.3	577.3
145°	871.2	851.3	823.4	807.6	791.9	755.7	719.6	683.4	648.4	614.6	583.1
147.5°	830.4	814.0	790.7	778.4	766.2	737.1	706.7	677.6	646.1	615.8	586.6
150°	796.5	782.5	765.0	754.6	744.1	721.9	696.2	670.6	642.6	615.8	590.1
152.5°	766.2	755.7	741.7	734.2	726.6	706.7	684.6	662.4	637.9	614.6	592.4
155°	740.6	732.4	720.7	714.3	707.9	691.6	672.9	653.1	632.1	612.3	593.6
157.5°	717.2	710.2	700.9	695.6	690.4	677.6	661.2	644.9	626.3	609.9	594.8
160°	695.1	689.2	681.1	677.0	672.9	661.2	649.6	634.4	620.4	606.4	594.8
162.5°	674.1	669.4	663.6	660.1	656.6	647.3	636.8	625.1	613.4	602.9	593.6
165°	653.1	650.8	646.1	643.2	640.3	633.3	625.1	615.8	606.4	599.4	592.4
167.5°	634.4	632.1	629.8	627.4	625.1	619.3	613.4	606.4	599.4	593.6	590.1
170°	616.9	615.8	613.4	612.2	611.1	607.6	604.1	598.3	593.6	590.1	587.8
172.5°	602.9	600.6	600.6	600.0	599.4	597.1	593.6	590.1	586.6	585.4	585.4
175°	590.1	588.9	588.9	588.9	588.9	586.6	586.6	583.1	581.9	581.9	583.1
177.5°	581.9	580.8	581.9	581.9	581.9	581.9	580.8	579.6	578.4	578.4	580.8
180°	578.4	578.4	578.4	578.4	578.4	578.4	578.4	578.4	578.4	578.4	578.4

TEST NUMBER: P1027813

CATALOG NUMBER: S125DIP-B375D1270UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3
2.5°	547.6	545.4	542.7	542.7	539.5	538.1	535.4	534.5	532.3	528.7	525.9
5°	567.1	561.2	557.6	554.4	547.6	542.7	537.7	532.3	526.9	520.5	513.3
7.5°	586.0	575.2	570.2	564.8	554.9	544.5	534.5	527.3	520.1	510.1	501.1
10°	605.9	592.4	583.3	576.1	560.7	547.6	533.2	522.8	511.5	498.8	487.1
12.5°	622.6	605.0	597.3	583.8	566.2	550.3	532.3	516.5	501.5	486.6	472.2
15°	636.7	619.9	601.0	595.5	571.1	548.5	528.2	507.9	489.3	474.4	457.7
17.5°	641.2	619.9	610.4	597.3	568.4	544.9	519.2	497.0	479.4	457.3	444.2
20°	642.5	622.2	609.1	596.9	571.1	540.0	514.7	487.5	466.3	444.2	423.4
22.5°	638.9	615.0	602.3	590.6	561.6	535.0	505.6	475.8	450.9	430.6	409.8
25°	632.1	604.1	591.9	579.3	551.7	522.3	490.3	461.8	438.7	414.3	394.0
27.5°	623.1	591.0	577.0	563.9	536.8	509.2	479.0	449.6	423.8	398.1	379.1
30°	611.8	574.7	562.1	544.9	518.7	492.5	464.9	435.6	406.7	382.3	361.5
32.5°	597.3	558.5	541.8	525.5	497.0	473.1	446.9	419.3	391.3	367.4	345.7
35°	584.2	540.0	521.4	505.2	473.5	448.2	426.5	400.8	375.9	351.1	331.7
37.5°	566.6	521.4	499.3	482.6	450.5	424.7	404.4	384.5	358.3	334.4	316.3
40°	548.1	498.4	477.6	460.9	427.4	399.4	380.0	362.4	341.1	319.0	300.0
42.5°	531.4	476.2	454.1	433.8	399.9	375.0	355.2	341.6	322.2	302.3	285.1
45°	510.1	452.7	428.8	407.6	375.0	347.9	328.9	318.1	303.6	284.2	269.3
47.5°	488.4	427.4	402.6	381.8	346.6	322.6	304.1	293.7	283.8	268.4	253.5
50°	460.0	400.8	378.2	354.2	319.5	295.1	279.7	269.3	261.6	250.8	238.1
52.5°	428.8	373.2	348.8	328.0	293.7	271.6	253.9	248.1	240.4	232.2	221.4
55°	395.8	343.4	319.9	299.6	267.9	245.4	230.9	224.6	218.7	212.4	205.1
57.5°	362.8	312.2	290.1	272.0	242.6	221.0	209.2	200.6	196.6	192.9	187.1
60°	321.7	278.8	261.6	245.4	216.4	196.6	185.3	178.9	175.3	173.5	170.8
62.5°	285.6	250.3	231.3	215.5	192.5	174.9	164.0	159.0	155.9	155.0	151.8
65°	247.2	216.9	202.0	188.4	168.5	152.7	143.7	137.8	135.6	135.1	135.1
67.5°	211.0	186.6	171.7	162.2	145.0	131.0	122.5	120.2	118.8	117.0	116.6
70°	177.1	157.7	144.6	136.5	121.1	110.7	103.9	100.3	100.3	99.0	98.1
72.5°	147.3	127.9	119.3	112.5	99.9	90.8	85.9	84.9	81.8	81.3	81.3
75°	115.2	100.8	94.9	89.0	79.5	73.2	69.1	66.9	65.1	65.1	65.5
77.5°	86.8	76.8	71.4	66.9	60.1	56.0	52.9	52.0	50.2	50.2	50.2
80°	61.5	56.0	52.0	48.3	43.4	39.8	38.0	36.1	36.1	35.7	36.1
82.5°	39.8	35.2	33.0	32.5	28.0	26.7	24.4	24.9	23.5	23.0	23.9
85°	23.0	20.8	18.1	17.2	15.4	13.6	12.7	13.1	12.7	12.2	12.7
87.5°	9.0	7.7	7.2	7.2	5.9	5.4	5.0	5.4	4.5	4.5	5.0
90°	12.8	11.7	10.5	9.3	7.0	4.7	2.3	1.2	2.3	4.7	7.0
92.5°	195.9	116.6	95.6	74.6	50.1	32.7	21.0	17.5	21.0	32.7	50.1
95°	264.7	139.9	113.7	87.5	61.8	49.0	39.7	38.5	39.7	49.0	61.8
97.5°	228.6	142.3	123.0	103.8	80.5	67.6	60.6	59.5	60.6	67.6	80.5
100°	226.2	158.6	141.1	123.6	101.5	88.6	84.0	81.6	84.0	88.6	101.5
102.5°	236.7	178.4	161.5	144.6	124.8	110.8	107.3	106.1	107.3	110.8	124.8
105°	251.9	200.6	184.2	167.9	149.3	137.6	131.8	131.8	131.8	137.6	149.3
107.5°	272.9	222.7	208.2	193.6	173.8	164.4	158.6	156.3	158.6	164.4	173.8
110°	296.2	248.4	233.2	218.1	200.6	190.1	185.4	183.1	185.4	190.1	200.6

TEST NUMBER: P1027813

CATALOG NUMBER: S125DIP-B375D1270UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	318.4	272.9	258.3	243.7	226.2	215.8	212.3	209.9	212.3	215.8	226.2
115°	341.7	298.6	284.0	269.4	251.9	241.4	237.9	235.6	237.9	241.4	251.9
117.5°	365.0	324.2	310.2	296.2	276.4	265.9	262.4	258.9	262.4	265.9	276.4
120°	390.7	349.9	335.3	320.7	300.9	290.4	285.7	282.2	285.7	290.4	300.9
122.5°	415.2	374.4	359.8	345.2	323.0	312.5	309.0	306.7	309.0	312.5	323.0
125°	436.2	397.7	382.5	367.4	345.2	334.7	328.9	326.5	328.9	334.7	345.2
127.5°	457.2	419.8	404.6	389.5	366.2	353.4	346.4	342.9	346.4	353.4	366.2
130°	477.0	440.8	425.6	410.5	386.0	370.9	361.5	358.0	361.5	370.9	386.0
132.5°	495.6	459.5	444.4	429.2	403.5	386.0	374.4	369.7	374.4	386.0	403.5
135°	512.0	475.8	460.0	444.3	419.8	401.2	387.2	382.5	387.2	401.2	419.8
137.5°	523.6	491.0	474.6	458.3	433.8	415.2	402.3	398.8	402.3	415.2	433.8
140°	536.5	502.6	486.9	471.2	449.0	430.3	416.3	412.8	416.3	430.3	449.0
142.5°	544.6	513.1	498.6	484.0	463.0	444.3	431.5	429.2	431.5	444.3	463.0
145°	554.0	523.6	510.2	496.8	475.8	459.5	447.8	445.5	447.8	459.5	475.8
147.5°	559.8	533.0	520.8	508.5	489.8	474.7	464.2	463.0	464.2	474.7	489.8
150°	565.6	540.0	530.0	520.1	503.8	488.6	480.5	478.2	480.5	488.6	503.8
152.5°	571.4	548.1	539.4	530.6	515.5	502.6	495.6	494.5	495.6	502.6	515.5
155°	574.9	555.1	547.0	538.8	527.1	515.5	508.5	508.5	508.5	515.5	527.1
157.5°	578.4	561.0	554.6	548.1	537.6	527.1	521.3	521.3	521.3	527.1	537.6
160°	580.8	565.6	560.4	555.1	545.8	537.6	533.0	534.1	533.0	537.6	545.8
162.5°	583.1	570.3	566.2	562.1	555.1	548.1	543.5	544.6	543.5	548.1	555.1
165°	583.1	573.8	570.3	566.8	562.1	556.3	552.8	555.1	552.8	556.3	562.1
167.5°	583.1	574.9	572.6	570.3	566.8	563.3	561.0	562.1	561.0	563.3	566.8
170°	583.1	577.3	575.6	573.8	571.4	569.1	568.0	569.1	568.0	569.1	571.4
172.5°	581.9	577.3	576.7	576.1	574.9	572.6	571.4	573.8	571.4	572.6	574.9
175°	580.8	577.3	577.3	577.3	577.3	576.1	574.9	577.3	574.9	576.1	577.3
177.5°	579.6	577.3	577.3	577.3	578.4	577.3	577.3	579.6	577.3	577.3	578.4
180°	578.4	578.4	578.4	578.4	578.4	578.4	578.4	578.4	578.4	578.4	578.4

TEST NUMBER: P1027813

CATALOG NUMBER: S125DIP-B375D1270UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3
2.5°	525.0	524.1	521.9	520.5	516.0	510.6	508.8	504.3	506.1	502.9	502.9
5°	511.0	507.0	504.3	500.2	491.6	485.7	479.4	476.2	474.4	472.2	470.4
7.5°	493.0	489.8	487.1	479.4	469.9	461.8	454.1	450.9	445.1	441.0	439.2
10°	477.1	472.6	466.3	457.3	447.3	436.9	430.2	423.4	418.9	416.6	411.6
12.5°	460.9	455.5	448.7	435.6	424.7	418.4	406.2	399.9	397.6	395.8	389.9
15°	444.2	438.3	430.2	418.0	408.5	393.6	386.3	381.4	375.9	375.5	371.0
17.5°	429.3	422.0	415.2	400.3	388.6	375.5	371.4	366.0	361.0	355.6	353.3
20°	410.3	403.5	398.5	382.3	369.2	361.0	354.2	349.7	346.6	341.1	340.2
22.5°	393.1	385.9	379.1	366.9	355.6	345.2	337.1	332.1	330.8	328.5	324.4
25°	376.4	369.2	361.0	349.7	338.0	330.8	323.5	320.4	317.6	314.0	310.9
27.5°	362.4	355.6	347.9	333.9	324.0	318.6	310.9	307.3	303.6	301.8	300.5
30°	345.7	338.0	332.1	321.3	310.4	303.2	297.8	294.6	291.4	289.6	288.7
32.5°	329.4	322.2	318.1	306.4	297.8	289.2	285.1	282.9	281.0	279.2	277.4
35°	316.3	309.1	302.7	291.9	283.3	277.4	274.3	270.7	269.3	267.5	267.5
37.5°	300.0	294.6	288.3	277.9	270.2	265.7	263.0	258.5	258.0	257.1	255.7
40°	286.0	280.6	274.7	265.7	258.9	253.5	249.9	247.6	246.3	245.4	244.4
42.5°	271.1	265.2	262.5	252.1	246.3	240.8	239.0	236.8	236.3	234.5	232.2
45°	256.6	251.7	246.3	238.6	233.6	229.1	226.4	224.6	222.3	221.9	220.5
47.5°	244.0	238.1	233.2	225.9	220.5	216.9	214.6	212.4	210.6	209.2	207.8
50°	227.7	223.2	219.1	211.5	206.9	203.3	200.2	198.4	196.6	196.6	196.6
52.5°	211.9	207.8	204.2	198.8	193.4	190.2	186.6	185.3	184.4	183.0	184.4
55°	196.6	192.5	188.9	184.8	178.5	175.8	172.2	170.8	171.2	171.2	172.6
57.5°	180.3	177.1	174.9	169.9	164.0	161.3	159.0	157.7	157.7	159.5	160.0
60°	164.5	161.3	157.2	152.7	149.1	145.9	144.6	145.0	145.0	145.9	148.2
62.5°	146.8	145.0	142.8	136.5	134.2	131.9	130.1	131.5	131.0	133.3	136.5
65°	130.6	128.8	125.6	122.5	119.7	117.5	117.0	117.5	118.4	120.6	124.3
67.5°	112.5	112.5	109.8	107.1	104.8	102.6	103.0	103.5	104.4	107.1	112.5
70°	97.6	95.8	93.1	91.3	89.5	88.6	87.7	89.5	92.2	94.0	98.1
72.5°	81.3	80.0	77.7	75.9	75.5	74.6	74.1	75.0	77.7	80.9	85.4
75°	64.2	64.6	63.3	61.9	61.9	60.5	61.5	61.5	64.2	67.3	70.9
77.5°	49.7	49.3	48.8	47.9	47.4	47.4	47.4	48.3	51.1	52.9	56.5
80°	35.2	35.7	34.3	34.8	34.3	34.8	34.8	36.6	38.0	40.2	42.9
82.5°	23.5	23.5	22.6	23.0	23.0	23.0	23.5	24.4	26.2	28.0	29.8
85°	13.1	13.6	12.7	13.6	13.6	13.6	14.0	14.5	15.8	16.3	18.1
87.5°	5.0	5.9	5.9	5.0	5.4	5.9	6.3	5.9	6.8	7.7	8.1
90°	9.3	10.5	11.7	12.8	15.2	16.3	18.7	19.8	21.0	22.2	23.3
92.5°	74.6	95.6	116.6	195.9	328.9	473.5	465.3	375.5	253.1	181.9	135.3
95°	87.5	113.7	139.9	264.7	521.3	843.2	1033.3	1011.1	838.5	661.2	517.8
97.5°	103.8	123.0	142.3	228.6	425.7	773.2	1116.1	1263.0	1202.4	1061.3	916.7
100°	123.6	141.1	158.6	226.2	377.9	671.7	1053.1	1344.7	1434.5	1377.3	1257.2
102.5°	144.6	161.5	178.4	236.7	358.0	594.8	942.3	1295.7	1512.6	1570.9	1528.9
105°	167.9	184.2	200.6	251.9	355.7	550.5	845.5	1180.2	1460.1	1619.9	1671.2
107.5°	193.6	208.2	222.7	272.9	363.9	527.1	773.2	1070.6	1352.8	1563.9	1687.5
110°	218.1	233.2	248.4	296.2	376.7	517.8	725.4	979.6	1231.5	1453.1	1617.6

TEST NUMBER: P1027813

CATALOG NUMBER: S125DIP-B375D1270UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	243.7	258.3	272.9	318.4	393.0	517.8	697.4	912.0	1135.9	1343.5	1510.3
115°	269.4	284.0	298.6	341.7	409.3	521.3	678.7	866.5	1058.9	1239.7	1399.5
117.5°	296.2	310.2	324.2	365.0	428.0	527.1	668.2	836.2	1005.3	1165.1	1305.0
120°	320.7	335.3	349.9	390.7	446.7	536.5	661.2	811.7	963.3	1103.2	1231.5
122.5°	345.2	359.8	374.4	415.2	467.7	544.6	655.4	790.7	931.8	1058.9	1169.7
125°	367.4	382.5	397.7	436.2	486.3	554.0	650.8	772.0	901.5	1020.4	1121.9
127.5°	389.5	404.6	419.8	457.2	503.8	564.5	648.4	754.5	870.0	983.1	1078.8
130°	410.5	425.6	440.8	477.0	521.3	573.8	646.1	737.1	840.8	943.5	1034.4
132.5°	429.2	444.4	459.5	495.6	536.5	584.3	646.1	723.1	811.7	906.2	986.6
135°	444.3	460.0	475.8	512.0	550.5	593.6	646.1	712.6	787.2	867.7	942.3
137.5°	458.3	474.6	491.0	523.6	561.0	602.9	647.3	702.1	765.0	832.7	896.8
140°	471.2	486.9	502.6	536.5	571.4	608.8	648.4	695.1	747.5	802.4	856.0
142.5°	484.0	498.6	513.1	544.6	577.3	612.3	649.6	689.2	732.4	776.7	821.0
145°	496.8	510.2	523.6	554.0	583.1	614.6	648.4	683.4	719.6	755.7	791.9
147.5°	508.5	520.8	533.0	559.8	586.6	615.8	646.1	677.6	706.7	737.1	766.2
150°	520.1	530.0	540.0	565.6	590.1	615.8	642.6	670.6	696.2	721.9	744.1
152.5°	530.6	539.4	548.1	571.4	592.4	614.6	637.9	662.4	684.6	706.7	726.6
155°	538.8	547.0	555.1	574.9	593.6	612.3	632.1	653.1	672.9	691.6	707.9
157.5°	548.1	554.6	561.0	578.4	594.8	609.9	626.3	644.9	661.2	677.6	690.4
160°	555.1	560.4	565.6	580.8	594.8	606.4	620.4	634.4	649.6	661.2	672.9
162.5°	562.1	566.2	570.3	583.1	593.6	602.9	613.4	625.1	636.8	647.3	656.6
165°	566.8	570.3	573.8	583.1	592.4	599.4	606.4	615.8	625.1	633.3	640.3
167.5°	570.3	572.6	574.9	583.1	590.1	593.6	599.4	606.4	613.4	619.3	625.1
170°	573.8	575.6	577.3	583.1	587.8	590.1	593.6	598.3	604.1	607.6	611.1
172.5°	576.1	576.7	577.3	581.9	585.4	585.4	586.6	590.1	593.6	597.1	599.4
175°	577.3	577.3	577.3	580.8	583.1	581.9	581.9	583.1	586.6	586.6	588.9
177.5°	577.3	577.3	577.3	579.6	580.8	578.4	578.4	579.6	580.8	581.9	581.9
180°	578.4	578.4	578.4	578.4	578.4	578.4	578.4	578.4	578.4	578.4	578.4

TEST NUMBER: P1027813

CATALOG NUMBER: S125DIP-B375D1270UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3
2.5°	504.7	501.5	501.1	502.0	500.2	502.9	502.0	502.9	500.6	502.9	501.5
5°	469.9	469.0	467.2	464.9	465.4	465.9	468.1	465.9	467.7	468.1	470.4
7.5°	437.4	435.6	436.9	436.0	432.0	431.1	432.0	433.3	436.0	437.8	439.2
10°	411.2	410.3	408.5	407.1	404.9	403.5	405.3	403.5	407.1	410.3	410.3
12.5°	391.3	387.7	385.4	385.0	380.0	380.9	382.7	384.1	388.1	389.9	389.9
15°	370.5	367.8	366.9	365.1	363.3	365.1	364.2	365.5	367.4	369.2	370.1
17.5°	352.4	352.0	352.4	347.9	349.3	347.0	347.5	349.7	348.4	349.7	352.4
20°	336.2	337.1	335.7	333.9	333.9	331.2	334.4	333.5	333.9	336.6	340.7
22.5°	324.0	323.5	322.2	320.8	319.0	319.5	319.9	319.0	322.6	324.9	325.3
25°	310.9	310.0	309.5	308.2	306.4	308.2	307.7	308.2	309.1	312.7	310.0
27.5°	298.7	296.9	297.8	296.4	296.0	296.4	296.4	296.9	297.8	298.2	298.7
30°	288.3	286.5	286.0	285.1	284.7	285.1	286.0	285.1	288.7	288.3	288.3
32.5°	277.0	275.6	274.7	274.7	274.3	273.8	274.3	274.7	277.4	275.6	277.4
35°	266.1	265.2	265.2	264.3	263.9	263.9	263.9	265.7	264.8	266.1	266.1
37.5°	255.7	255.7	255.3	254.4	253.9	254.4	253.9	254.8	254.4	254.8	255.3
40°	244.9	244.0	243.5	243.5	242.2	240.8	242.2	242.2	242.6	244.0	244.4
42.5°	231.8	232.2	232.2	230.4	230.4	230.4	230.9	231.3	231.3	232.2	232.2
45°	220.5	219.6	219.6	219.6	218.7	219.1	220.0	220.0	220.0	220.0	219.1
47.5°	207.8	207.8	208.3	208.3	209.7	209.2	209.2	208.8	207.8	207.8	208.3
50°	196.1	197.5	197.9	197.9	198.4	198.8	198.8	197.9	197.5	196.1	196.1
52.5°	184.8	185.7	186.6	188.0	188.9	188.4	188.4	187.5	185.7	185.3	184.8
55°	172.6	174.0	175.8	177.1	178.5	178.9	178.9	177.1	175.3	173.1	173.1
57.5°	161.3	162.7	165.8	167.2	169.0	169.0	168.1	166.7	164.0	162.2	160.9
60°	150.0	152.3	154.5	157.2	159.5	160.0	158.6	156.8	153.6	151.4	149.6
62.5°	137.8	140.1	144.6	147.3	149.1	149.1	149.1	146.8	142.8	139.6	136.9
65°	126.1	128.3	132.4	136.0	137.4	138.7	137.4	135.1	131.9	128.3	125.6
67.5°	113.9	116.6	120.6	123.4	125.2	126.5	125.6	123.8	119.7	114.8	113.0
70°	100.3	101.7	107.5	110.3	113.0	113.9	113.0	110.3	106.2	100.8	99.0
72.5°	87.7	89.0	94.4	96.7	99.0	99.9	98.5	96.7	93.1	88.1	85.9
75°	73.2	75.5	78.2	81.8	84.5	85.4	84.0	82.7	78.2	75.0	73.2
77.5°	57.8	60.1	63.7	66.9	69.6	69.1	67.3	67.8	62.8	59.2	57.8
80°	43.8	45.6	48.3	51.1	52.4	52.4	52.0	50.2	48.3	45.6	43.4
82.5°	30.3	32.5	34.8	36.6	36.6	37.1	36.1	35.7	33.9	31.6	31.2
85°	18.1	18.5	20.3	20.3	22.1	21.2	20.8	22.1	20.3	19.0	18.5
87.5°	8.1	7.7	8.1	8.1	7.7	8.6	8.6	8.1	8.6	8.1	8.1
90°	24.5	25.7	25.7	25.7	26.8	26.8	26.8	25.7	25.7	25.7	24.5
92.5°	124.2	113.1	94.5	91.0	88.6	86.3	88.6	91.0	94.5	113.1	124.2
95°	468.8	419.8	337.0	302.1	292.7	274.1	292.7	302.1	337.0	419.8	468.8
97.5°	846.7	776.7	706.7	646.1	614.6	600.6	614.6	646.1	706.7	776.7	846.7
100°	1196.6	1135.9	1055.4	971.5	928.3	909.7	928.3	971.5	1055.4	1135.9	1196.6
102.5°	1492.8	1456.6	1369.1	1315.5	1267.7	1254.9	1267.7	1315.5	1369.1	1456.6	1492.8
105°	1664.8	1658.4	1621.0	1582.6	1559.2	1545.2	1559.2	1582.6	1621.0	1658.4	1664.8
107.5°	1713.2	1738.8	1749.3	1743.5	1731.8	1720.2	1731.8	1743.5	1749.3	1738.8	1713.2
110°	1667.2	1716.7	1769.2	1791.3	1799.5	1799.5	1799.5	1791.3	1769.2	1716.7	1667.2

TEST NUMBER: P1027813

CATALOG NUMBER: S125DIP-B375D1270UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	1570.9	1631.5	1714.3	1756.3	1779.7	1790.2	1779.7	1756.3	1714.3	1631.5	1570.9
115°	1463.0	1526.6	1617.6	1673.5	1706.2	1721.3	1706.2	1673.5	1617.6	1526.6	1463.0
117.5°	1365.0	1425.1	1517.3	1575.6	1608.2	1617.6	1608.2	1575.6	1517.3	1425.1	1365.0
120°	1282.8	1334.2	1420.5	1476.4	1507.9	1517.3	1507.9	1476.4	1420.5	1334.2	1282.8
122.5°	1217.0	1264.2	1338.8	1389.0	1420.5	1428.6	1420.5	1389.0	1338.8	1264.2	1217.0
125°	1163.9	1205.9	1271.2	1319.0	1344.7	1356.3	1344.7	1319.0	1271.2	1205.9	1163.9
127.5°	1118.4	1158.1	1217.5	1260.7	1285.2	1289.8	1285.2	1260.7	1217.5	1158.1	1118.4
130°	1072.3	1110.2	1168.6	1207.0	1230.4	1237.4	1230.4	1207.0	1168.6	1110.2	1072.3
132.5°	1022.8	1058.9	1117.2	1155.7	1176.7	1184.9	1176.7	1155.7	1117.2	1058.9	1022.8
135°	975.6	1008.8	1060.1	1098.6	1119.6	1126.6	1119.6	1098.6	1060.1	1008.8	975.6
137.5°	926.0	955.1	1001.8	1037.9	1057.8	1065.9	1057.8	1037.9	1001.8	955.1	926.0
140°	880.5	905.0	948.1	978.5	996.0	1001.8	996.0	978.5	948.1	905.0	880.5
142.5°	841.4	861.8	896.8	921.3	937.6	942.3	937.6	921.3	896.8	861.8	841.4
145°	807.6	823.4	851.3	871.2	884.0	888.7	884.0	871.2	851.3	823.4	807.6
147.5°	778.4	790.7	814.0	830.4	838.5	840.8	838.5	830.4	814.0	790.7	778.4
150°	754.6	765.0	782.5	796.5	801.2	802.4	801.2	796.5	782.5	765.0	754.6
152.5°	734.2	741.7	755.7	766.2	770.9	772.0	770.9	766.2	755.7	741.7	734.2
155°	714.3	720.7	732.4	740.6	744.1	745.2	744.1	740.6	732.4	720.7	714.3
157.5°	695.6	700.9	710.2	717.2	720.7	720.7	720.7	717.2	710.2	700.9	695.6
160°	677.0	681.1	689.2	695.1	697.4	696.2	697.4	695.1	689.2	681.1	677.0
162.5°	660.1	663.6	669.4	674.1	674.1	674.1	674.1	674.1	669.4	663.6	660.1
165°	643.2	646.1	650.8	653.1	653.1	653.1	653.1	653.1	650.8	646.1	643.2
167.5°	627.4	629.8	632.1	634.4	633.3	633.3	633.3	634.4	632.1	629.8	627.4
170°	612.2	613.4	615.8	616.9	616.9	615.8	616.9	616.9	615.8	613.4	612.2
172.5°	600.0	600.6	600.6	602.9	600.6	599.4	600.6	602.9	600.6	600.6	600.0
175°	588.9	588.9	588.9	590.1	587.8	586.6	587.8	590.1	588.9	588.9	588.9
177.5°	581.9	581.9	580.8	581.9	578.4	578.4	578.4	581.9	580.8	581.9	581.9
180°	578.4	578.4	578.4	578.4	578.4	578.4	578.4	578.4	578.4	578.4	578.4

TEST NUMBER: P1027813

CATALOG NUMBER: S125DIP-B375D1270UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3
2.5°	505.6	502.9	506.1	502.0	502.9	507.9	507.4	511.9	514.7	514.2	516.5
5°	472.2	472.2	473.5	473.1	477.6	481.7	487.1	491.6	496.6	499.3	502.5
7.5°	439.2	443.7	444.6	446.9	452.3	459.1	464.5	471.3	478.5	483.5	487.1
10°	412.1	415.7	419.3	421.1	427.0	436.0	443.7	454.6	463.6	469.0	474.0
12.5°	388.1	392.2	394.0	402.1	406.2	412.1	422.9	434.7	444.6	450.5	454.6
15°	371.0	373.2	377.3	382.3	386.3	393.6	402.6	415.7	425.2	430.2	444.2
17.5°	356.5	359.2	361.5	363.7	370.1	377.7	386.3	397.6	409.8	418.4	425.6
20°	341.6	343.0	345.7	349.3	353.8	361.0	368.7	380.5	391.3	398.1	407.6
22.5°	324.0	328.0	330.8	333.5	338.4	346.6	353.8	362.4	375.9	383.6	393.6
25°	313.6	315.4	317.2	320.4	324.0	331.2	339.3	348.4	359.2	367.4	375.9
27.5°	300.0	302.7	305.0	309.1	311.3	317.2	324.9	333.9	347.0	353.8	361.0
30°	288.7	291.4	293.2	295.1	298.2	304.5	311.8	319.0	331.2	339.8	347.0
32.5°	277.4	280.1	282.4	283.8	286.9	291.0	296.9	305.9	316.3	322.2	331.7
35°	267.5	267.5	270.2	272.0	274.7	278.3	283.8	290.5	301.4	309.1	317.6
37.5°	256.2	256.6	258.9	260.3	263.0	266.6	272.0	278.3	287.4	293.2	301.8
40°	244.4	245.8	246.7	249.0	252.1	253.5	258.9	266.1	275.2	280.6	287.8
42.5°	232.7	233.6	235.9	237.7	240.4	242.6	246.3	253.0	259.8	267.9	273.8
45°	219.6	221.9	223.2	226.4	227.7	230.0	233.6	239.0	247.2	252.1	258.9
47.5°	208.3	209.2	210.1	214.2	216.9	218.2	221.9	225.0	233.6	238.1	244.4
50°	196.1	196.1	197.5	199.3	202.4	205.1	208.3	211.9	218.7	223.2	229.5
52.5°	184.8	183.4	184.4	185.3	188.4	191.1	194.3	199.3	205.6	208.3	213.7
55°	172.6	170.3	171.7	173.1	174.0	177.6	181.2	184.4	189.3	193.4	198.4
57.5°	159.5	159.0	158.1	158.6	160.9	163.1	165.8	169.9	175.8	178.9	181.6
60°	147.8	145.0	144.1	145.0	146.4	147.8	151.4	155.0	160.0	163.1	166.3
62.5°	135.6	132.8	131.0	129.7	131.0	134.2	136.5	139.2	143.2	146.8	149.6
65°	123.8	119.7	117.9	117.0	116.6	118.8	120.6	124.3	127.9	129.2	132.4
67.5°	110.7	107.1	104.8	103.5	103.5	103.5	105.3	108.9	112.5	113.0	116.1
70°	97.6	93.5	91.3	89.5	88.6	89.5	91.7	92.2	95.3	96.2	98.1
72.5°	83.6	80.0	77.3	75.0	75.5	76.4	76.4	77.3	79.1	81.3	81.3
75°	70.5	65.5	64.2	62.4	61.5	61.5	61.5	63.3	64.6	66.4	66.0
77.5°	55.6	52.9	50.2	49.3	47.9	47.4	48.3	48.3	49.3	50.6	51.1
80°	42.9	39.8	38.0	37.1	35.2	34.8	35.2	35.2	36.6	36.1	36.6
82.5°	29.8	27.6	26.2	24.9	23.9	24.4	23.9	23.9	24.4	23.9	23.9
85°	17.2	16.7	15.8	15.4	14.9	14.0	14.9	14.5	14.0	13.6	14.5
87.5°	8.1	7.7	7.7	6.8	6.8	6.3	6.8	6.8	6.3	6.3	6.3
90°	23.3	22.2	21.0	19.8	18.7	16.3	15.2	12.8	11.7	10.5	9.3
92.5°	135.3	181.9	253.1	375.5	465.3	473.5	328.9	195.9	116.6	95.6	74.6
95°	517.8	661.2	838.5	1011.1	1033.3	843.2	521.3	264.7	139.9	113.7	87.5
97.5°	916.7	1061.3	1202.4	1263.0	1116.1	773.2	425.7	228.6	142.3	123.0	103.8
100°	1257.2	1377.3	1434.5	1344.7	1053.1	671.7	377.9	226.2	158.6	141.1	123.6
102.5°	1528.9	1570.9	1512.6	1295.7	942.3	594.8	358.0	236.7	178.4	161.5	144.6
105°	1671.2	1619.9	1460.1	1180.2	845.5	550.5	355.7	251.9	200.6	184.2	167.9
107.5°	1687.5	1563.9	1352.8	1070.6	773.2	527.1	363.9	272.9	222.7	208.2	193.6
110°	1617.6	1453.1	1231.5	979.6	725.4	517.8	376.7	296.2	248.4	233.2	218.1

TEST NUMBER: P1027813

CATALOG NUMBER: S125DIP-B375D1270UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	1510.3	1343.5	1135.9	912.0	697.4	517.8	393.0	318.4	272.9	258.3	243.7
115°	1399.5	1239.7	1058.9	866.5	678.7	521.3	409.3	341.7	298.6	284.0	269.4
117.5°	1305.0	1165.1	1005.3	836.2	668.2	527.1	428.0	365.0	324.2	310.2	296.2
120°	1231.5	1103.2	963.3	811.7	661.2	536.5	446.7	390.7	349.9	335.3	320.7
122.5°	1169.7	1058.9	931.8	790.7	655.4	544.6	467.7	415.2	374.4	359.8	345.2
125°	1121.9	1020.4	901.5	772.0	650.8	554.0	486.3	436.2	397.7	382.5	367.4
127.5°	1078.8	983.1	870.0	754.5	648.4	564.5	503.8	457.2	419.8	404.6	389.5
130°	1034.4	943.5	840.8	737.1	646.1	573.8	521.3	477.0	440.8	425.6	410.5
132.5°	986.6	906.2	811.7	723.1	646.1	584.3	536.5	495.6	459.5	444.4	429.2
135°	942.3	867.7	787.2	712.6	646.1	593.6	550.5	512.0	475.8	460.0	444.3
137.5°	896.8	832.7	765.0	702.1	647.3	602.9	561.0	523.6	491.0	474.6	458.3
140°	856.0	802.4	747.5	695.1	648.4	608.8	571.4	536.5	502.6	486.9	471.2
142.5°	821.0	776.7	732.4	689.2	649.6	612.3	577.3	544.6	513.1	498.6	484.0
145°	791.9	755.7	719.6	683.4	648.4	614.6	583.1	554.0	523.6	510.2	496.8
147.5°	766.2	737.1	706.7	677.6	646.1	615.8	586.6	559.8	533.0	520.8	508.5
150°	744.1	721.9	696.2	670.6	642.6	615.8	590.1	565.6	540.0	530.0	520.1
152.5°	726.6	706.7	684.6	662.4	637.9	614.6	592.4	571.4	548.1	539.4	530.6
155°	707.9	691.6	672.9	653.1	632.1	612.3	593.6	574.9	555.1	547.0	538.8
157.5°	690.4	677.6	661.2	644.9	626.3	609.9	594.8	578.4	561.0	554.6	548.1
160°	672.9	661.2	649.6	634.4	620.4	606.4	594.8	580.8	565.6	560.4	555.1
162.5°	656.6	647.3	636.8	625.1	613.4	602.9	593.6	583.1	570.3	566.2	562.1
165°	640.3	633.3	625.1	615.8	606.4	599.4	592.4	583.1	573.8	570.3	566.8
167.5°	625.1	619.3	613.4	606.4	599.4	593.6	590.1	583.1	574.9	572.6	570.3
170°	611.1	607.6	604.1	598.3	593.6	590.1	587.8	583.1	577.3	575.6	573.8
172.5°	599.4	597.1	593.6	590.1	586.6	585.4	585.4	581.9	577.3	576.7	576.1
175°	588.9	586.6	586.6	583.1	581.9	581.9	583.1	580.8	577.3	577.3	577.3
177.5°	581.9	581.9	580.8	579.6	578.4	578.4	580.8	579.6	577.3	577.3	577.3
180°	578.4	578.4	578.4	578.4	578.4	578.4	578.4	578.4	578.4	578.4	578.4

TEST NUMBER: P1027813

CATALOG NUMBER: S125DIP-B375D1270UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	532.3	532.3	532.3	532.3
2.5°	519.6	524.1	527.3	533.2
5°	507.9	516.0	523.7	531.8
7.5°	496.1	505.6	517.8	528.2
10°	483.0	495.2	509.7	523.7
12.5°	469.9	484.4	500.2	518.7
15°	454.1	472.6	491.2	511.0
17.5°	440.1	459.1	479.0	503.8
20°	424.3	445.1	466.8	492.1
22.5°	410.3	433.3	455.9	482.6
25°	394.5	417.1	441.9	470.4
27.5°	381.4	402.1	426.5	457.3
30°	365.5	388.1	412.5	443.3
32.5°	350.6	372.3	398.1	428.3
35°	335.3	357.4	380.5	409.4
37.5°	320.8	339.8	362.8	390.4
40°	304.5	325.3	346.1	367.8
42.5°	289.6	308.6	328.0	345.2
45°	272.9	289.2	307.7	321.7
47.5°	257.6	272.0	286.5	297.3
50°	242.2	253.5	264.3	273.8
52.5°	224.1	236.8	242.6	248.5
55°	207.8	215.1	220.5	226.4
57.5°	192.0	195.2	197.9	203.3
60°	171.2	174.9	178.0	182.1
62.5°	153.2	155.0	155.9	160.0
65°	136.0	135.6	137.8	140.1
67.5°	117.5	117.0	119.3	120.2
70°	99.4	99.0	99.4	101.7
72.5°	82.2	82.2	82.7	83.6
75°	66.4	66.4	66.9	67.8
77.5°	50.2	51.1	50.6	52.4
80°	36.6	35.7	36.6	37.5
82.5°	23.9	24.9	24.9	23.9
85°	13.6	13.6	13.6	13.6
87.5°	5.9	5.9	6.3	6.8
90°	7.0	4.7	2.3	1.2
92.5°	50.1	32.7	21.0	17.5
95°	61.8	49.0	39.7	38.5
97.5°	80.5	67.6	60.6	59.5
100°	101.5	88.6	84.0	81.6
102.5°	124.8	110.8	107.3	106.1
105°	149.3	137.6	131.8	131.8
107.5°	173.8	164.4	158.6	156.3
110°	200.6	190.1	185.4	183.1

TEST NUMBER: P1027813

CATALOG NUMBER: S125DIP-B375D1270UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	226.2	215.8	212.3	209.9
115°	251.9	241.4	237.9	235.6
117.5°	276.4	265.9	262.4	258.9
120°	300.9	290.4	285.7	282.2
122.5°	323.0	312.5	309.0	306.7
125°	345.2	334.7	328.9	326.5
127.5°	366.2	353.4	346.4	342.9
130°	386.0	370.9	361.5	358.0
132.5°	403.5	386.0	374.4	369.7
135°	419.8	401.2	387.2	382.5
137.5°	433.8	415.2	402.3	398.8
140°	449.0	430.3	416.3	412.8
142.5°	463.0	444.3	431.5	429.2
145°	475.8	459.5	447.8	445.5
147.5°	489.8	474.7	464.2	463.0
150°	503.8	488.6	480.5	478.2
152.5°	515.5	502.6	495.6	494.5
155°	527.1	515.5	508.5	508.5
157.5°	537.6	527.1	521.3	521.3
160°	545.8	537.6	533.0	534.1
162.5°	555.1	548.1	543.5	544.6
165°	562.1	556.3	552.8	555.1
167.5°	566.8	563.3	561.0	562.1
170°	571.4	569.1	568.0	569.1
172.5°	574.9	572.6	571.4	573.8
175°	577.3	576.1	574.9	577.3
177.5°	578.4	577.3	577.3	579.6
180°	578.4	578.4	578.4	578.4

(END OF REPORT)